

Title (en)  
METHOD AND APPARATUS FOR PROVIDING PUSH-TO-TALK SERVICES IN A CELLULAR COMMUNICATION SYSTEM

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR BEREITSTELLUNG VON PUSH-TO-TALK-DIENSTLEISTUNGEN IN EINEM  
ZELLKOMMUNIKATIONSSYSTEM

Title (fr)  
PROCEDE ET APPAREIL POUR FOURNIR DES SERVICES DE MESSAGERIE VOCALE INSTANTANEE DANS UN SYSTEME DE  
COMMUNICATION CELLULAIRE

Publication  
**EP 1702057 A2 20060920 (EN)**

Application  
**EP 04815570 A 20041222**

Priority  
• US 2004043510 W 20041222  
• US 53384203 P 20031231  
• US 276704 A 20041202

Abstract (en)  
[origin: US2005143056A1] To reduce a delay between a time that a user of an originating mobile station (MS) requests to set up a Push-To-Talk (PTT) call and the time that the user may begin to speak, a communication system provides a 'wake up list' of other mobile stations (MSs) that may be awakened prior to the originating MS requesting to set up a PTT call. To further reduce the delay, the user may begin speaking prior to completion of the call setup. The speech is stored and is conveyed to a called MS when the call is setup. If the call does not get setup or a user of the called MS is not present, the stored speech may be conveyed to the called MS as a voice message. The stored speech, or new speech, may also be used as an announcement of a call instead of the typical "beep" or "chirp."

IPC 8 full level  
**H04B 7/00** (2006.01); **H04W 4/10** (2009.01); **H04W 84/08** (2009.01)

CPC (source: EP US)  
**H04W 4/10** (2013.01 - EP US); **H04W 76/45** (2018.01 - EP US)

Citation (search report)  
See references of WO 2005065287A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR LV MK YU

DOCDB simple family (publication)  
**US 2005143056 A1 20050630**; BR PI0418243 A 20070417; EP 1702057 A2 20060920; US 2006063553 A1 20060323;  
US 7783315 B2 20100824; WO 2005065287 A2 20050721; WO 2005065287 A3 20090319

DOCDB simple family (application)  
**US 276704 A 20041202**; BR PI0418243 A 20041222; EP 04815570 A 20041222; US 2004043510 W 20041222; US 27369405 A 20051114